IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Ali S. Sadri et al.	Examiner:	Unknown
Serial No.:	Unknown	Group Art Unit:	Unknown
Filed:	Herewith	Docket:	1000-0032
Title:	ADAPTIVE CHANNELIZATION SCHEME FOR HIGH THROUGHPUT MULTICARRIER SYSTEMS		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement.
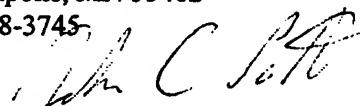
The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Respectfully submitted,

ALI S. SADRI ET AL.

By their Representatives,
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Date 3/29/04   By _____

John C. Scott
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"Express Mail" mailing label number: EV377522222US
Date of Deposit: March 29, 2004
This paper or fee is being deposited on the date indicated above with the United States Postal Service pursuant to 37 CFR 1.10, and is addressed to the Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449A/PTO **INFORMATION DISCLOSURE** **STATEMENT BY APPLICANT** *(Use as many sheets as necessary)*	*Complete if Known*	
	Application Number	Unknown
	Filing Date	Even Date Herewith
	First Named Inventor	Sadri, Ali
	Group Art Unit	Unknown
	Examiner Name	Unknown
Sheet 1 of 1	Attorney Docket No: 1000-0032	

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
	US-4,679,227	07/07/1987	Hughes-Hartogs, Dirk	379	98	05/20/1985
	US-4,731,816	03/15/1988	Hughes-Hartogs, Dirk	379	98	01/12/1987
	US-4,833,706	05/23/1989	Hughes-Hartog, Dirk	379	98	01/05/1988

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T²

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No [1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	.	CHOW, PETER, et al., "A Practical Discrete Multitone Transceiver Loading Algorithm for Data Transmission over Spectrally Shaped Channels", IEEE Transactions on Communications, vol. 43, no. 2/3/4, (1995),773-775	
		FISCHER, ROBERT, et al., "A New Loading Algorithm for Discrete Multitone Transmission", IEEE, (1996),724-728	
		LEKE, ACHANKENG, et al., "A Maximim Rate Loading Algorithm for Discrete Multitone Modulation Systems", IEEE, (1997),1514-1517	
		LEKE, ACHANKENG, et al., "Transmit Optimization for Time-Invariant Wireless Channels Utilizing a Discrete Multitone Approach", IEEE, (1997),954-958	

EXAMINER	**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ı Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached